**Core Maths Study Period Guide – Autumn Term 2022**

**Which topics will you be studying?**

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| **Paper 1** |
| Financial Maths* Percentages
* VAT, income tax, national insurance
* Exchanging currency
* Saving and borrowing

Statistics* Sampling and data
* Representing and interpreting data

Mathematical modelling* Fermi estimation
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**Which exam board?**

In Mathematics we follow the **AQA** exam board. For a detailed look at the specification click the below link

<https://www.aqa.org.uk/subjects/mathematics/aqa-certificate/mathematical-studies-1350/changes-for-2022>

**What useful revision activities should I be doing?**

* GCSE revision that acts as pre-requisite knowledge.
* Use Integral for notes, walkthroughs, questions and worked solutions.
* Engage with old practise past papers (paper 1s)
* Complete exercises in the text book where photocopies have been printed out.
* Select problems for the given website below to practise questions in context.

**Useful Resources:**

* [integralmaths.org](file:///D%3A%5CUsers%5CTCarpenter%5CDownloads%5Cintegralmaths.org)  – you will need your log-in details
* [www.youtube.com/playlist?list=UUMrOMy9LhtmKIT\_INfQ5l6g](http://www.youtube.com/playlist?list=UUMrOMy9LhtmKIT_INfQ5l6g) – videos available on most mathematical processes (watch Core Maths related ones only)
* [www.nytimes.com/column/whats-going-on-in-this-graph](http://www.nytimes.com/column/whats-going-on-in-this-graph) - statistical interpretation.
* [nrich.maths.org/coremaths](https://nrich.maths.org/coremaths) – problem solving
* [mei.org.uk/teachers/a-level-mathematics/resources/working-with-large-data-sets/](https://mei.org.uk/teachers/a-level-mathematics/resources/working-with-large-data-sets/) - Learn how to use Excel